

Overview of LoRa & LoRaWAN support in Zephyr

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Zephyr RTOS, the fast-growing, scalable, open source RTOS for resource constrained devices recently gained support for LoRa and LoRaWAN technologies. The addition of LoRa technologies enabled Zephyr to be used in applications where long range coverage is needed. With LoRa/LoRaWAN support in place, Zephyr is emerging as the preferred software stack for the LoRa End nodes while Linux continues to be the de-facto software stack for the LoRa Gateways.

In this discussion, the current status of LoRa and LoRaWAN support in Zephyr will be explored and we will discuss about how to add the persistent storage support for storing parameters such as keys, and devnonce to Non-volatile memory. We will also touch base on the ongoing work towards the addition of LoRaWAN support in the Linux kernel by the community.

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